AS.

TS.

No : First & Final

YNK-DBR No.....
Date.....

Orginal/Duplicate/Triplicate

AEE YSTSD

Est. Cost : Rs. 11.5 crore

SBR No: 152/21-22

CONTRACT CERTIFICATE

(for Other Works)

Date: 20 30/03/2022

Division : Yelahanka

Sub-Division Yelahanka New Town sub Division

Bill Received No. ..... Dated ..... Cash Book Vocher No. ..... dated .....

Schedule Doctet No.

Head of Account :

Job Code No:003-22-000010

Name of Work: Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

Name of Contractor and Full address : Sri. K Venkatraju, Bangalore.

Reference to Agreement No: BBMP/EE/YNK.D/EPMT-08/AG/63/2021-22

Date: 15.02.2022

Certified that the measurments were taken by me on ..... and recorded of Pages 585801 to 585807 of measurment Book No. 5859 and that the work is satisfactorily executed

Contractor

Officer-in-charge of work AE

Cetified that measurments were taken by me on 30/3/2022 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account ii have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed by the contractor is recorded in the office.

If Memorandum of Payment

1) Total value of work done or suppliers made as per account with in
2) Deduct amount to be held in reserve being ..... Present Rs. .....
3) - Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher No ..... Dated ..... S.D. No .....
   Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied
   Now made recovery of amount creditable to this/other work
   Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Vocher No ..... dated ..... less adjustments
7) Net amount due to or from comtractor
unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied

Gross Amt = Rs	50892372=00
FSD = Rs	—
CGST = Rs	454396=00
SGST = Rs	454396=00
IT = Rs	508924=00
LC = Rs	508924=00
CBF = Rs	50892=00
Royalty = Rs	244426=00
T.D. = Rs	2221958=00
Net Amt Rs	48670414=00

Contractor's Signature

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Received Rs. ..... (in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated ..... Signature of contractor

Stamp

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making Payment

Audited & Admitted for Rs. 50892372=00

48670414=00 by Cheque

and Rs. 2221958=00 by adjustment

Accts. Supdt.
Yelahanka Division
BBMP

Exe. Engineer
yelahanka Division
BBMP
Executive Engineer

BHURAT BENGALURU MAHANAGAR PALIKE

YELAHANKA ZONE

Name of the work : Restoration and Improvements of Roads at Hesaraghatta Main road, G Ramaiah layout, Sai Archade layout, Vijaya bank layout, Adityanagara Phase-02, and Surrounding areas in ward no-03 of Yelahanka New town Sub-division

First and Part

Sl. No	Description of work	Unit	BOQ			Previous Measurement		Present Measurement			Total UP-to-date	
			Qty	Rate Rs.	Amount	Qty	Rate Rs.	Qty.	Rate Rs.	Cost	Qty.	Cost
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH Chapter 3 (Page No.143 & Item No-19.2)	Cum	6153.40	191.64	1179237.58			5192.33	191.64	995058.31	5192.33	995058.31
3	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical meanse including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. MORTH Specification No.301 (Page No.143 & Item No 19.14 SR2018-19)	Cum	12233.70	43.89	536937.09			1471.04	43.89	64563.95	1471.04	64563.95
4	KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications Specification No. KBS 4.1, 4.2 (Page No.13 & Item No.4.3)	Cum	923.58	5462.20	5044778.68			821.71	5462.20	4488363.48	821.71	4488363.48
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specifications. -do- Wall & bottom thickness 15cm (Page No.271 & Item No-37.59.2)	Cum	1824.41	7140.90	13027947.22			1541.81	7140.90	11009881.75	1541.81	11009881.75
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.21 (Page No.16 & Item No-4.31)	Sqm	540.00	383.27	206965.80			538.92	383.27	206551.87	538.92	206551.87

Sl. No	Description of work	Unit	BOQ			Previous Measurement		Present Measurement			Total UP-to-date	
			Qty	Rate Rs.	Amount	Qty	Rate Rs.	Qty.	Rate Rs.	Cost	Qty.	Cost
7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No.14 & Item No-4.11)	Cum	165.38	6058.53	1001929.40			99.32	6058.53	601739.26	99.32	601739.26
8	KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 TMT Bars Fe 500(Page No.229 & Item No.28.8.2) Current Rate w.e.f 01/02/2021	Tonne	122.69	80498.07	9876690.57			98.80	80498.07	7952873.67	98.80	7952873.67
12	Supply and fixing Precast reinforced concrete slab 10cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveynce charges, labour charges inclusive of cost of all materials.	Sqm	4479.66	1941.22	8696005.59			4132.35	1941.22	8021800.47	4132.35	8021800.47
13	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. do - 10 cms thick (Page No.27 & Item No- 5.31.2)	Sqm	1042.47	976.39	1017857.28			40.32	976.39	39368.04	40.32	39368.04
14	KSRB 5-8.1 : Providing one line dressing to granite stone slab / granite stone masonry as per specifications. KBS 5.1.13(Page No.26 & Item No- 5.17)	Sqm	1042.47	960.33	1001115.22			40.32	960.33	38720.51	40.32	38720.51
15	Supply and fixing Precast reinforced concrete slab 23cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveynce charges, labour charges inclusive of cost of all materials.	Sqm	337.50	4530.91	1529182.13			179.64	4530.91	813932.67	179.64	813932.67
16	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2(P No. 13 / Item No.4.6)	Cum	101.52	5804.79	589302.28			93.98	5804.79	545522.55	93.98	545522.55

Sl. No	Description of work	Unit	BOQ			Previous Measurement		Present Measurement			Total UP-to-date	
			Qty	Rate Rs.	Amount	Qty	Rate Rs.	Qty.	Rate Rs.	Cost	Qty.	Cost
17	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc.,	Nos	11280.00	436.80	4927104.00			11280.00	436.80	4927104.00	11280.00	4927104.00
18	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (I No-19.64,P No-147)	Sqm	33899.40	6.42	217634.15			3677.61	6.42	23610.26	3677.61	23610.26
21	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/ basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision (P.No.153 It.No.20.5)	Cum	3866.85	2014.87	7791200.06			551.64	2014.87	1111482.89	551.64	1111482.89
22	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH	Cum	5011.80	2021.29	10130301.22			735.52	2021.29	1486699.22	735.52	1486699.22
23	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6), Issue rate on 01/01/2021	Sqm	25059.00	34.26	858521.34			3677.61	34.26	125994.92	3677.61	125994.92
24	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH	Cum	1252.95	7365.73	9228891.40			183.88	7365.73	1354410.43	183.88	1354410.43
25	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-158,I No-	Sqm	25059.00	12.85	322008.15			3678.26	12.85	47265.64	3678.26	47265.64

Sl. No	Description of work	Unit	BOQ			Previous Measurement		Present Measurement			Total UP-to-date	
			Qty	Rate Rs.	Amount	Qty	Rate Rs.	Qty.	Rate Rs.	Cost	Qty.	Cost
26	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30	Cum	1002.36	8534.82	8554962.18			158.14	8534.82	1349670.96	158.14	1349670.96
27	KSRB 15-19.2 Providing and applying ready mix priming coat over concrete/masonry/asbestos cement sheet/plastered surfaces including preparing the surface after throughly cleaning of oil,grease,dirt and other foreign matter and sand papering including cost of materials, labour, complete as per specifications. (Page No.124 & Item No.15.80)	Sqm	2030.40	39.61	80424.14			1876.12	39.61	74313.11	1876.12	74313.11
28	KSRB 800-1 Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No.180 & Item No.24.1)	Sqm	2030.40	85.65	173903.76			1876.12	85.65	160689.68	1876.12	160689.68
											Sub Total	45439617.63
											Gst 12%	5452754.12
IN WORDS: Rupees Five Crore Eight Lakhs Ninty Two Thousand Three Hundred Seventy One and Paise Seventy Five only											**Total Amount**	50892371.75

Certificate

1 The above work has been Completed satisfactorily

2 The debris has been removed and disposed from the work spot.

3 No. departmental issues are made to the contractor

Assistant Engineer
Ward No 03
BBMP-Bengaluru

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ನ್ಯೂ ಟೌನ್ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ-ಬೆಂಗಳೂರು

Assistant Executive Engineer
Yelahanka New Town Sub Division
BBMP-Bengaluru

Executive Engineer
Yelahanka Division
BBMP-Bengaluru